

19990118.qrp v01_n340.qrl.990118

Date: Mon, 18 Jan 1999 20:36:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1340

QRP-L Digest 1340

Topics covered in this issue include:

- 1) [30046] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
by Ron Stark <ku7y@dri.edu>
- 2) [30047] Re: Linux Info
by <hsilver@pyx.net>
- 3) [30048] Re: Cutting board stock?
by W7LS <w7ls@blarg.net>
- 4) [30049] Vanity Callsign Data
by "Tim Cook" <timcook@erinet.com>
- 5) [30050] Alaskan Beam
by "Bruce Prior" <n7rr@hotmail.com>
- 6) [30051] Re: Linux Info
by PHILLIPS RICHARD <phillips@msoe.edu>
- 7) [30052] Re: Cutting board stock?
by PHILLIPS RICHARD <phillips@msoe.edu>
- 8) [30053] Fox Log 1/15/98 N7CQR
by talljazz@teleport.com (Dan Presley)
- 9) [30054] Re: Cutting board stock?
by Lee Jarvis <l2jarvis@mindspring.com>
- 10) [30055] Alaska QRP Club 20 Meter Schedule Log 01/10/99
by Alaska QRP Club <akqrp@eagle.ptialaska.net>
- 11) [30056] Re: vanity callsign data?
by "Gene Hall" <evhall@ix.netcom.com>
- 12) [30057] Re: New Topic Heading TCI-RFI-FCC
by "Bob Tellefsen" <n6wg@earthlink.net>
- 13) [30058] I've got a lot to learn
by Jeff Johns <jeffj@scott.net>
- 14) [30059] Variety of info on QRP-L
by "Frank Grigaliunas" <fgrig@iea.com>
- 15) [30060] Bearing and Distance
by n4so@juno.com (charles k brown)
- 16) [30061] FS
by E L D <wd7y@pyramid.net>
- 17) [30062] Vanity Callsign URL's
by "Tim Cook" <timcook@erinet.com>
- 18) [30063] Tower as an antenna
by The Boices <boice@bigfoot.com>
- 19) [30064] Making Circuit Boards

by "Gene Hall" <evhall@ix.netcom.com>

20) [30065] RE: Pulse step modulation and QRP (AM)
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>

21) [30066] RE: Grounded tower as antenna ???
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>

22) [30067] Re: Alaskan Beam
by mwattcpa@earthlink.net (Marty Watt)

23) [30068] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
by Dave Sjolin <sjolin@swbell.net>

24) [30069] Re: WARC Bands -
by JCoote@aol.com

25) [30070] Re: Cutting board stock?
by AC5JH@aol.com

26) [30071] Rad Shack Clearance
by David Adams <adamsclan@netgate.net>

27) [30072] ARCI Western States Net
by kclark@ridgecrest.ca.us (K Clark)

28) [30073] Re: AL7FS Beacon (temp.) on 28.245 MHz
by mwattcpa@earthlink.net (Marty Watt)

29) [30074] Balun or no Balun/Moving on to other Topics
by n4so@juno.com (charles k brown)

30) [30075] a mounting method for reduction drive assy's
by "Roger A. McCarty" <rmccarty@earthlink.net>

31) [30076] AW: SGC-2020 Comments??
by Peter Zenker <Peter_DL2FI@csi.com>

32) [30077] Re: Choke-type Baluns
by Bob Patten <n4bp@bc.seflin.org>

33) [30078] Alaska 10 Meter Beacon Test...
by Alaska QRP Club <akqrp@eagle.ptialaska.net>

34) [30079] Re: GQRP - SPRAT
by Dick G0BPS <Dick@kanga.demon.co.uk>

35) [30080] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
by "W. Kimura" <w.kimura@valley.net>

36) [30081] More on Baluns
by n3aaz-qrp@juno.com (John R Kirby)

37) [30082] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
by Donald Lefrancois <wb1cdh@mci2000.com>

38) [30083] Re: Soource for Morse Code Key Knobs ?
by "Edward A Kwik jr" <eakwikjr@hti.com>

39) [30084] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
by Bruce Muscolino <w6toy@erols.com>

40) [30085] Re: New Topic Heading TCI-RFI-FCC
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>

41) [30086] Fox: N2SMH on 1/20 UTC
by "Dave Maliniak" <dmaliniak@penton.com>

42) [30087] Ugly Weekender QST article needed
by David Shalita <af389@lafn.org>

43) [30088] Thanks in Re: Cutting board stock...

- by Christian - KF6IHU/9 <kf6ihu@morphine.com>
- 44) [30089] RFI: Schurr Paddles
by K0RWC <rcw@frii.com>
- 45) [30090] Foreign Callsign Services
by K0RWC <rcw@frii.com>
- 46) [30091] Help: qrp-1
by James Parsons <k5rov@wcc.net>
- 47) [30092] FS: Yaesu FT-7
by "Jim Johnson" <km7h@gte.net>
- 48) [30093] The conquering of Brannan Island (Little long)
by Jeff <fantbb@yahoo.com>
- 49) [30094] Demaw book search
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 50) [30095] Re: Choke-type Baluns
by W6RCecila <w6rca@ibm.net>
- 51) [30096] Receiver kits and project ideas.
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 52) [30097] Re: passed the code test and not past
by af852@rgfn.epcc.edu
- 53) [30098] Son of Fireball:please don't confuse...
by William-McShan@ouhsc.edu (Mike McShan)
- 54) [30099] Mounting a vernier reduction drive
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 55) [30100] TRUE STORY, I SWEAR! (was VIRUS ALERT!)
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 56) [30101] Re: RFI from TCI wireless modem jacks
by "Ed Hare, W1RFI" <ehare@arrl.org>
- 57) [30102] New Topic Heading TCI-RFI-FCC
by Mike Boatright <ko4wx@mindspring.com>
- 58) [30103] ZL9CI 7.006
by n4so@juno.com (charles k brown)
- 59) [30104] cutting boards
by "Bob Tellefsen" <n6wg@earthlink.net>
- 60) [30105] Need help with RF feedback on Mobile Installation
by Danh Le <dle@san-jose.tt.slb.com>
- 61) [30106] Re: Help: qrp-1
by Dave Sjolin <sjolin@swbell.net>
- 62) [30107] RE: Help: qrp-1
by "Rich McCabe" <rmccabe@dwx.com>
- 63) [30108] re: Tower as an antenna
by Brad Bradfield <b_bradfield@yahoo.com>
- 64) [30109] Re: Thanks in Re: Cutting board stock...
by John Evans - N0HJ <jaevans@codenet.net>
- 65) [30110] Help paddles-good/bad basics
by Niel Skousen <nskousen@scientech.com>
- 66) [30111] PRC-6 conversions (tubes for QRP)
by jmbrown@edge.net (JERRY BROWN)
- 67) [30112] RE: Foreign Callsign Services

- by Michael Melland <badger@vbe.com>
- 68) [30113] Re: Schurr Paddles
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 69) [30114] FS: QRP rigs
by "Alan Fryer" <n3bj@hotmail.com>
- 70) [30115] Boots for your qrp rig
by tom whalen <wb5qyt@eFortress.com>
- 71) [30116] OHR-100(A) building Project.
by Ed Loranger <we6w@qsl.net>
- 72) [30117] Fireball Jr...28.060
by tom whalen <wb5qyt@eFortress.com>
- 73) [30118] Re: Help: qrp-l
by James Parsons <k5rov@wcc.net>
- 74) [30119] My new rig...
by Tom Cooper <w1eat@usa.net>
- 75) [30120] Re: GQRP - SPRAT
by George Gingell <k3tks@u1.abs.net>
- 76) [30121] K2 mentioned in latest ARRL letter
by PDouglas12@aol.com
- 77) [30122] Re: Choke-type Baluns
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 78) [30123] Re: WARC Bands
by Anita och Lars Olsson <anita.lars.olsson@telia.com>
- 79) [30124] OFF-TOPIC: QSL Design program
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 80) [30125] crystal
by bkobie@webtv.net (patrick obrien)
- 81) [30126] Re: OHR-100(A) building Project.
by "Radman" <radman@best.com>
- 82) [30127] Qro-dx
by ac5ez@webtv.net (Larry B)

Date: Sun, 17 Jan 1999 16:24:10 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Peter Larsen <larsenp@cadvision.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30046] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
Message-ID: <Pine.SOL.3.96.990117162103.27959B-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 17 Jan 1999, Peter Larsen wrote:

> I agree with this. Just listen to all the CW between 7.050 and 7.100
> to see the evidence of this statement.

Hi Peter,

I am looking in my handbook and don't see any agreement to keep CW out of 7050-7100.

This is the 1994 ARRL handbook. Maybe it's outdated already!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 17 Jan 1999 19:35:18 -0500 (EST)
From: <hsilver@pyx.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30047] Re: Linux Info
Message-ID: <Pine.LNX.4.04.9901171911250.6766-100000@matrix.pyx.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 17 Jan 1999, Paula Bailey wrote:

> S.u.S.E. Linux (my personal preference) has menu setups, too; this is
> probably friendlier for folks who have to use speech readers an' all to
> get online.

S.u.S.E. also has an amazing number of different boot and setup kernels that cover a huge spectrum of different types of setup methodologies. It also has Applixware as well. Ist a great distribution.

> In any case, unless you're running Slackware (which is, for
> all intents and purposes, the "power user/geek" distribution of Linux)
> setup is going to be *approximately* as easy as a Win95 setup.

I used Slack for a few years before reluctantly switching to Red Hat. Unfortunately its not as up to date as Red Hat seems at this point and also the /etc/rc.d/ and BSD architecture isn't as flexible as the SysV approach used in Red Hat and S.u.S.E. and Debian. Now, I am reasonably comfortable with Red Hat and updating packages seems to be reasonably handled with the package manager program.

> If one decides one never wants to mess with a command prompt at all, you

> can always set it up to use X-Windows all the time, even for logins. :)

Quite true, although, that's for the brave. :)

After login

startx -- -bpp 16 & is pretty easy to type too. :)

> I, myself, don't consider the standard Linux command line as user-surly,
> though. :) Then again, I don't consider command lines user-surly. (Free
> tip--you can set up things in Linux called "shell scripts" that work
> exactly the same as batch files in MS-DOS. This makes life easier. :)

And piping and redirection through multiple programs for a high degree of flexibility and filtering has always been a great hallmark of Unix.

> Of course, if you actually need to run Win95 stuff *shudder* there's
> always WINE... :)

True again. WINE (WINdows Emulation) seems to have made some big steps forward in compatibility in the past while. Its a remarkable effort.

Another great thing available to Linux for free is a cross compiler toolchain that allows one to build .exe binaries on a Linux box that are directly executable on a Win95 box that fully access the Win95 API. So a Linux box can build applications both for itself, as well as for Win95. Building separate cross-compiler toolchains are for fairly advanced users, in my opinion. The free cross-compiler is free and information about it is available at www.cygnus.com for those who are interested.

In some ways to me at least, Linux allows the user to roll up his/her sleeves and build his/her own system rather than keeping him at arm's length with proprietary software secrets and undocumented functions. I've heard from others and also believe this myself, that writing device drivers for Linux is a lot easier than for other proprietary operating systems. Windows has a lot of software for HAMS, but Linux is closing the gap very rapidly. Building interfaces to devices such as HAM equipment is already well under way and the future looks quite promising. PIC and embedded systems using Linux holds enormous promise in terms of QRP and other HAM related projects.

Regards,

Harley Silver

Date: Sun, 17 Jan 1999 16:26:18 -0800
From: W7LS <w7ls@blarg.net>
To: kf6ihu@morphine.com
Cc: qrp-1@lehigh.edu
Subject: [30048] Re: Cutting board stock?
Message-ID: <36A27FAA.1892@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I use a Dremel tool with a thin grinding disk. Goes right through the stuff. Makes a royal mess, too.

Jim W7LS

Christian wrote:

>
> So, I tried scoring some board stock and ended up peeling back some of
> the copper when I tried to break it in half. Tried a nibbling tool and it
> just took too long... how do you guys cut your board stock, aside from
> the band or table saw I don't have?
>
> Thanks in advance!
>
> 72/73 de KF6IHU/9 - Christian

Date: Sun, 17 Jan 1999 19:50:24 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30049] Vanity Callsign Data
Message-ID: <015101be427c\$88f9c200\$51765acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A big thanks to all who responded with the information I requested. Now to decide if I really want to change callsigns.

thanks again

Tim
NZ8J

Date: Sun, 17 Jan 1999 17:13:14 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [30050] Alaskan Beam
Message-ID: <19990118011315.17402.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

QRP Gang -

Geography from the point of view of a beam seems rather peculiar at times. If it is squirting RF due east from Anchorage, Alaska, on a good day it will reach southern Africa. Due west from Anchorage is Japan, Philippines and Indonesia. Radio waves which propagate from and back to the earth's surface don't follow most circles of latitude. Except for the equator, those are all small circles. Beams pointing either north or south will direct a signal along those great circles which we designate as longitude. If you are still confused, consult an equidistant azimuthal projection of the earth centered on the transmitting antenna location, or more, simply, stare at a globe. 08^)>

72, Bruce Prior, N7RR (ex-KL7HLC, Geography PhD)
n7rr@hotmail.com

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 17 Jan 1999 19:13:29 -0600 (CST)
From: PHILLIPS RICHARD <phillips@msoe.edu>
To: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30051] Re: Linux Info
Message-ID: <Pine.OSF.3.96.990117190533.28616A-100000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just a passing thought. I used to subscribe to a Linux reflector but got blown away by the techno geeks. I learned more in the last few days on this reflector than a month on the other. I also belonged to a ten meter reflector that dealt mostly with personal messages and very little technical stuff. About the time I get fed up with the "I worked the fox" messages on this one, somebody comes up with an interesting thread. Also, this is about the best place for information exchange on almost any subject dealing with ham radio I have come across. I love it.

Rich AA9L

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

Date: Sun, 17 Jan 1999 19:19:50 -0600 (CST)
From: PHILLIPS RICHARD <phillips@msoe.edu>
To: Christian <kf6ihu@morphine.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30052] Re: Cutting board stock?
Message-ID: <Pine.OSF.3.96.990117191755.28616B-1000000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Actually a metal shear works best if you can use one in a local school or machine shop or any metal fabricating shop. I suppose a scroll saw could be used in a pinch.

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

On Sun, 17 Jan 1999, Christian wrote:

> So, I tried scoring some board stock and ended up peeling back some of
> the copper when I tried to break it in half. Tried a nibbling tool and it
> just took too long... how do you guys cut your board stock, aside from
> the band or table saw I don't have?
>
> Thanks in advance!
>
> 72/73 de KF6IHU/9 - Christian
>
>
>

Date: Sun, 17 Jan 1999 17:27:40 -0800
From: talljazz@teleport.com (Dan Presley)
To: qrp-1@LeHigh.edu
Subject: [30053] Fox Log 1/15/98 N7CQR

Message-ID: <v01530500b2c805e2f374@[216.26.2.44]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

OK-'version one' of my log. Thanks to all who showed up, and hung in there. I particularly appreciate the 'good ears' compliments- my 'day job' is a musician, and the highest compliment you can pay a player is to say 'he's got good ears'! A little tip- I try to throw on a little bit of Glenn Gould (classical pianist) playing Bach's "Goldberg Variations" as a warmup to a CW session- really warms up the ears and brain-Bach would have been a 'killer' cw man!

CALL	UTC	RST	RCV	RST	Sent	SPC	Name	QRP-L #/Pwr
KU7Y	301	57N		55N		NV	RON	17
K2VCO	302	5NN		55N		CA	VIC	725
WE6W	303	5NN		55N		CA	ED	1068
N6VZ	304	55N		55N		CA	GARY	919
AK7Y	305	55N		55N		AZ	?	1693
NQ7X	306	55N		55N		AZ	FLOYD	343
WJ7H	307	55N		55N		UT	WAYNE	481
K1MG	208	RNN		55N		CA	MIKE	614
N6WG	309	5NN		55N		CA	BOB	26
K5ZTY	311	55N		55N		TX	BILL	473
WW7Q	312	55N		55N		UT	STEVE	
W6SIY	314	56N		55N		CA	KEITH	675
K5OI	316	55N		55N		NM	TIM	73
VE5RC	317	52N		55N		SK	BRUCE	886
AB7MY	319	55N		55N		AZ	GARY	571
N5TW	320	55N		55N		TX	BILL	1474
W5SB	321	55N		55N		TX	BILL	1279
KI0II	322	549		55N		CO	RON	928
KK5LD	324	45N		55N		TX	DAN	5W
AB7CE	325	5NN		55N		MT	ROY	4W
N0RN	328	55N		55N		CO	BOB	1789
AA5TA	329	55N		55N		TX	LARRY	1245
KI7MN	330	57N		55N		AZ	BOB	271
N5JKY	332	55N		55N		OK	MIKE	400?
KQ5U	335	55N		55N		TX	LARRY	1603
VE6EWM	337	33N		55N		AB	EARL	1076
N0TU	338	55N		55N		CO	?	911
AB0GO	339	55N		55N		CO	DAVE	785
AB5UA	341	52N		55N		OK	CLIFF	478
W5HNS	343	33N		55N		TX	HENRY	178
W9UQB	345	549		55N		AZ	MIKE	413
K0EVZ	346	549		55N		ND	DOC	861
KC5T	347	55N		55N		TX	BOB	1792
K5JHP	350	33n		55n		TX	BILL	825

KK5GG	352	55N	55N	OR	MIKE	60W-	a 'local' with his new
Drake	TR-3?						
AB5PC	355	58N	55N	KS	VERN	5W	
W0RSP	356	55N	55N	SD	ADE	661	
N5LU	359	44N	55N	OK	BILL	5W	
N4ROA	400	54N	55N	VA	DAN	970	
AI4CW	402	33N	55N	AL	DON	1670	
AE4IC	405	54N	55N	NC	BOB	54	
W0PFR	406	58N	55N	IA	TERRY	5W	
K0TT	409	55N	55N	MN	?	1455	
N1TP	412	33N	55N	FL	TOM	1317	
N5JI	413	33N	55N	TX	DICK	1054	
WS4S	418	54N	55N	TN	CONRAD	993	
W5TB	423	34N	55N	TX	DOC	673	
KA4BMK	424	57N	55N	FL	DAN	5W	
K4IMA	426	54N	55N	KY	PETER	4W	
WS8D	433	44N	55N	MI	Mike	1188-	the toughest qso!we
							both hung in there.
							called CQ for 20 min!
AC6AN	456	54N	55N	CA	ORI	5W	a 'surprise' contact!
							(on his 38S?)

Thanks again for the privelege of being the Fox- please jump at the chance if it's offered! Thanks too, to our administrators and 'scorekeepers'
 Dan N7CQR-Portland, Or

 Date: Sun, 17 Jan 1999 20:28:44 -0500
 From: Lee Jarvis <l2jarvis@mindspring.com>
 To: qrp-l@lehigh.edu
 Subject: [30054] Re: Cutting board stock?
 Message-ID: <3.0.1.32.19990117202844.0069c154@pop.mindspring.com>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

Try using a heavy duty paper cutter. Works great!

This is an idea that I got from one of W1FB's books.

Kind regards,
 Lee - KN4VN

At 04:26 PM 1/17/99 -0800, you wrote:
 >I use a Dremel tool with a thin grinding disk. Goes right through the
 >stuff. Makes a royal mess, too.

>
>Jim W7LS
>
>
>Christian wrote:
>>
>> So, I tried scoring some board stock and ended up peeling back some of
>> the copper when I tried to break it in half. Tried a nibbling tool and it
>> just took too long... how do you guys cut your board stock, aside from
>> the band or table saw I don't have?
>>
>> Thanks in advance!
>>
>> 72/73 de KF6IHU/9 - Christian
>

Date: Sun, 17 Jan 1999 16:29:49 -0900
From: Alaska QRP Club <akqrp@eagle.ptialaska.net>
To: qrp-1@lehigh.edu
Cc: badger@vbe.com
Subject: [30055] Alaska QRP Club 20 Meter Schedule Log 01/10/99
Message-ID: <v03007802b2c83cb0ef85@[208.151.118.39]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Here is an updated log for 10 Jan 99... I transposed Michael Melland's call... Sorry for the mix up... It was correct in both the electronic and paper log... Your QSL card is already in the mail, let me know if I pulled the same stunt on your card... 8^)

Last weeks log
10 January 99:

1901	VE7PEB	539
1913	KK5X0	419
1920	W9OWT	539
1949	VE3ABT	529
2002	KB9QHU	539

Take care and have fun... The bands are getting HOT... See you on

the short ones...

72 - Bruce - KL7H

Alaska QRP Club - KL7AQC

Alaska QRP Club Web Site: <http://www.ptialaska.net/~bhopkins/akqrp/>

Date: Sun, 17 Jan 1999 21:13:35 -0500
From: "Gene Hall" <evhall@ix.netcom.com>
To: <timcook@erinet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Gene Hall" <wa4hhp@amsat.org>
Subject: [30056] Re: vanity callsign data?
Message-ID: <005601be4288\$36fba700\$62d2b7c7@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tim,

Start at www.arrl.org then select the index. Next select vanity calls and you'll find all the links you need to research the call availability situation. I think I used the last site on the list to find a call I qualified for as an Advanced licence holder.

After I selected my top 5 I called the FCC 800 (maybe 888) number and held on till I got a real person. She checked those 5 calls for me and told me which were available.

Good luck on your search.

73 ... Gene ... WA4HHP ... Summerville, SC

-----Original Message-----

From: Tim Cook <timcook@erinet.com>

Subject: vanity callsign data?

>At one time early in the vanity callsign program, there was a web site that
>had up to date info on callsigns that were available.
<snip>

Date: Sun, 17 Jan 1999 17:49:37 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Cc: <w1rfi@arrl.org>
Subject: [30057] Re: New Topic Heading TCI-RFI-FCC
Message-ID: <01be4284\$ce8b3b20\$64142599@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuck and all

This TCI info isn't new with me. I got a line on it at the Palo Alto Amateur Radio Association club meeting recently. Others have been working on this for some time, but out of the limelight. Then I just discovered a good note on the subject in the ARRL web page, For Members Only. It spells out what is going on and what is being done about it.

Ed Hare, W1RFI, is their point man on this. Ed, if you're reading this, could you get permission to summarize the contents of the above note for the QRP-L gang?

Since my town, Newark, CA, is small but has its own TCI cable system, I've been waiting to get enough info then go visit the chief engineer. I think an in-person, non-confrontational contact may be beneficial. Someone in TCI Corp apparently has committed to correcting the situation. However, I suspect it will be on a squeaky wheel basis. If no-one complains, there will be no urgency on their part.

If you find you are having interference problems, gather your facts. There is a lot of crap out there that isn't TCI, so don't weaken your case by blaming them for some wierd noise that isn't theirs. When you think you have it sorted out, write to your local TCI engineer or customer service address. If several letters come in, all mentioning Part 15 and non-interference to a licensed radio service, it has to get their attention.

Good luck, and let's keep each other posted here.

73, Bob N6WG

Date: Sun, 17 Jan 1999 20:00:43 -0600
From: Jeff Johns <jeffj@scott.net>
To: qrp-1@Lehigh.EDU
Subject: [30058] I've got a lot to learn
Message-ID: <199901180200.UAA03283x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Well having passed my Tech+ kit and finally getting a dipole in the air today. I fired up my radio and started send CQ via my straight key. This is really gonna take some practice <grin>. It was pretty easy learning code and listening to it for the test, but sending it is not as easy as I thought. I did manage to send a few CQ's and a station did answer me, but in my excitement of actually having a station come back to me I accidentally hit the tuning knob and upon retuning couldn't find him/her. I definately don't win any points for being 'cool' on my first QSO, but I'm trying. On a better note I was able to work a station in Las Vegas from here in Birmingham on 10 meters with 5 watts on SSB. My point is, if you here me sending code, please try to bear with me, this is really, really gonna take some practice!

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Sun, 17 Jan 1999 18:24:23 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [30059] Variety of info on QRP-L
Message-ID: <199901180226.SAA09150@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

PHILLIPS RICHARD <phillips@msoe.edu> wrote:

> About the time I get fed up with the "I worked the fox"
> messages on this one, somebody comes up with an interesting thread.
Also,
> this is about the best place for information exchange on almost any
> subject dealing with ham radio I have come across. I love it.

I have to agree. From the very beginning (I've been licensed for little more than a year), this group and members of it have given me good advice on all aspects of radio, as well as many other subjects. Because I finally got my QRO rig, I was thinking of also subscribing to a more general list, but I don't think I could find one that would be as useful.

--Frank, AB7YT

P.S. I've managed to filter all but the most passing references to the fox into the Deleted Items folder.

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com -==*- (509) 326-7147 -==*- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Sun, 17 Jan 1999 21:33:17 EST
From: n4so@juno.com (charles k brown)
To: qrp-l@lehigh.edu
Subject: [30060] Bearing and Distance
Message-ID: <19990118.023007.7687.0.n4so@juno.com>

bd.txt

BEARING AND DISTANCE CALCULATOR

The bearing and distance calculator BD.EXE is available on the ARRL computer BBS.

For QRP contacts, it will tell you exactly the distance from your location

to the QRP location to 3 decimal points-- for example 600.999 miles.
Of course, it also gives the exact bearing in degrees.

The execution file is short -- 30,128 bytes.

Also, it is flexible enough to give you a variety of information such as:

1. calculations from your QTH to any grid square.
2. calculations from your QTH to any lat./longitude.
3. calculations between any 2 grid squares.
4. calculations between any 2 lat./long. points.
5. convert grid squares to lat./longitude.
6. convert lat./longitude to grid square.

It "memorizes" your stored QTH and is an efficient and highly accurate calculator compensating for the earth's shape--probably more accurate than you will need for amateur radio.

Software designers:

Michael Owen, W9IP and Paul Wade, N1BWT

and featured in QST (June 93, p.96-97) magazine a few years ago.

Free from the ARRL Hiram BBS

860-594-0306

=====

Ken

N4SO@juno.com

Mobile, AL

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 17 Jan 1999 18:43:54 -0700
From: E L D <wd7y@pyramid.net>
To: qrp-l@lehigh.edu
Subject: [30061] FS
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

AEA PK - 232
MULTI-MODE DATA CONTROLLER
RTTY, AMTOR, PACKET, CW.
WITH MANUALS, 13V POWER SUPPLY
& CABLES
\$140 SHIPPING USA

Date: Sun, 17 Jan 1999 21:50:53 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30062] Vanity Callsign URL's
Message-ID: <021901be428d\$5e968fa0\$51765acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was asked to post the url's I received as a result of my request for vanity callsign availability. Here they are.

<http://www.extremezone.com/~ki7mn>

<http://www.qrz.com>

<http://www.fcc.gov/wtb/electcom.html>

www.arrl.org

Date: Sun, 17 Jan 1999 20:50:44 -0600
From: The Boices <boice@bigfoot.com>
To: qrp-1@Lehigh.EDU
Subject: [30063] Tower as an antenna
Message-ID: <3.0.6.32.19990117205044.00916300@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Any ideas on loading up a tower, other than just to try it?

At work, I've gotten permission to "play" with an unused tower, which I think is around 25 meters tall. It is used sporadically to test anemometers, and has no electrical lines running to it, nor anywhere around it, and is grounded.

The biggest potential problem I see is that it has 3 sets of guy wires, with 2 cable per set, running to the 10 meter and 25 meter levels. As can be expected in a non-broadcast tower, they aren't insulated from the tower. What can I expect for resonance problems?

While the tower is plenty tall, I'm running a Sierra (until the K2's ship

: -) and only run on 40 meters and down.

Ideas, experiences?

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sun, 17 Jan 1999 22:15:49 -0500
From: "Gene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Gene Hall" <wa4hhp@amsat.org>
Subject: [30064] Making Circuit Boards
Message-ID: <013c01be4290\$dcff5f40\$62d2b7c7@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

A couple of weeks or so ago I posted a request asking for information on the processes that you have used successfully to produce circuit boards.

I received several responses and I want to thank those that passed along their experiences.

I opted to give the P-n-P Blue film from Techniks, Inc..

So far I have used it to make two boards and thought I'd pass on my findings from this limited experience.

On the data sheet Techniks provided with the sheets I ordered they say that the iron should be between 225 and 250 degrees F. I verified that the iron was within this range by using an oven thermometer i bought for \$3 from K-Mart.

The process I found successful is as follows.

1. Clean the board with stainless steel "wool".
2. Wipe the board with alcohol.

3. Place a clean piece of typing/copy paper on the board and place the iron on it to pre-heat the board to the iron temperature.
4. Remove the iron and paper and place the pre-prepared film print side down on the board. BE CAREFUL - the copper clad is HOT and will burn you. The plastic film will stick to the board right away so place it starting at one end and "rolling" it down on the board.
5. Place a piece of white paper on the film and heat with the iron for one minute.
6. Cool the board and place the board under cold water.
7. Lift one end and remove the film.
8. If there are any areas that have blue remaining where copper is to be removed, the Techniks mentioned method of covering the board with clear shipping tape and removing it works like a charm.
9. Make any necessary fills with resist pen or fingernail polish.
10. Etch in heated Ferrous Chloride solution as usual.

So far this method has worked great for me and I hope it will do the same for you.

Usual caveats apply, I have no financial interest in any of the above mentioned companies.

Good Luck ... 73 ... Gene ... WA4HHP ... Summerville, SC

Date: Sun, 17 Jan 1999 22:30:55 -0500
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcса.сu>
To: <qrp-L@LeHigh.edu>
Subject: [30065] RE: Pulse step modulation and QRP (AM)
Message-ID: <00c601be4292\$f6eae440\$04000a0a@nwarfiel.usf.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi everyone...

PSM, or pulse step modulation is used nowadays in many AM transmitters... It

replaces the HIGH voltage power supply and the
HIGH LEVEL modulator with a clever combination of a control unit, fiber
optics, IGBT's etc... The usual units have 48,64, steps.
I am interested in building a demonstration unit to show at the University...
in which a small AM transmitter operating on the amateur bands (maybe 160)
could be shown operating...
Anyone here has info on PSM modulators ? Or any idea about where I can find
more about this technology ?
Thanks in advance for any help.
Please answer direct to
inforhc@mail.infocom.etecsa.cu

Arnie Coro
C02KK

Date: Sun, 17 Jan 1999 22:49:57 -0500
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-1@LeHigh.edu>
Subject: [30066] RE: Grounded tower as antenna ???
Message-ID: <00f501be4295\$a1257720\$04000a0a@nwarfiel.usf.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You can always use a GROUNDED TOWER as an antenna...
BUT, the GUY WIRES must be at the very least insulated at close
to the tower's structure.
I am not going to go into guy wire resonances.... which is a very
controversial subject...
You may want plastic guy wires (that cost an arm and a leg) if
they are of the required quality for the job !)
Again... the tower could be used as an antenna by at least
two methods...
One, add one insulator to each guy wire right next to the tower...
then, feed the tower with a SHUNT system... (more about that later)

Run at least one wire separated from the tower by a certain
distance, from the top of the tower to the base... and use the
system as a FOLDED MONOPOLE (excellent system... that
is about the only way that solid state AM broadcast transmitters
can survive in high thunderstorm rates areas of the world, despite all of the
manufacturers claims !)

As you see, without the guy wires insulated... the tower is only good for SUPPORTING antennas, not for acting as a radiator by itself...

Arnie Coro
C02KK

Date: Mon, 18 Jan 1999 04:25:37 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: n7rr@hotmail.com
Subject: [30067] Re: Alaskan Beam
Message-ID: <36a6b77c.15586230@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Sun, 17 Jan 1999 17:13:14 PST, "Bruce Prior" <n7rr@hotmail.com> wrote:

>QRP Gang -
> Geography from the point of view of a beam seems rather peculiar at=20
>times.

Obviously, I must have misspoken in my statement earlier.

Perhaps Bruce (who holds a PhD in Geography) can explain to me (who holds= a BBA in Accounting!!) why the bearing calculators show Anchorage to = Chicago at 88 degrees, while Chicago to Anchorage is shown at 320 degrees?

As a reminder, the original statement was:

>FWIW, Chicago is a bit north of due east of Anchorage.

Jim said he was blown away by this ... I am too! I'm not convinced even = yet that driving a bit south of due west of Chicago I'll arrive in Anchorage.= San Francisco would be a better bet :). As I move a bit north of due east = of Anchorage, I expect to move into the NWT of Canada.

This is tremendously confusing. As one who does not own a beam, I = suspect a

discussion of beam orientation could be quite helpful. After all, I need=
to
point my (future) beam at the right spot to be effective!

I did uncover the following URLs for magnetic declination and variations,=
if
that has an impact:

<http://www.webworkshop.com/pangolin/magvar.html>
<http://www.best.com/~williams/magvar.html>
http://www.cam.org/~gouletc/decl_faq.html

I look forward to learning on this one ...

Very active weather here in the Mid-south tonight. Several tornados in =
my
hometown, as well as scattered around a 100 mile radius of us in Memphis.
Very unusual for mid-January ...

--

72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee

=

<http://home.earthlink.net/~mwattcpa>

VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce

CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"

Member -- Tennessee Contest Group

Date: Sun, 17 Jan 1999 22:31:33 -0600

From: Dave Sjolín <sjolin@swbell.net>

To: ku7y@dri.edu

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [30068] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP

Message-ID: <36A2B925.83BD3BAD@swbell.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Ron Stark wrote:

> I am looking in my handbook and don't see any agreement to
> keep CW out of 7050-7100.

>

> This is the 1994 ARRL handbook. Maybe it's outdated already!

Ron, the '98 Handbook shows 7080-7100 as Data (i.e., rtty, pactor, etc).

Hopefully at next WARC there will be agreement to coordiate freq use across all ITU regions. Its a mess now with cw, ssb and digital showing up anywhere in bottom 100 khz of 40 meters.

73 de Dave, N0IT

Date: Sun, 17 Jan 1999 23:38:13 EST
From: JCoote@aol.com
To: leehop@uswest.net, qrp-1@Lehigh.EDU
Subject: [30069] Re: WARC Bands -
Message-ID: <28f84f44.36a2bab5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-01-17 17:55:00 EST, leehop@uswest.net writes:

<< Guys -

Studying for my general with another newbie question: I've searched all my reference books and can only find that they are 30, 17 & 12 meters. What is "WARC" and what makes 'em special?

Thanks -

--

Lee Hopper, KD7CTF } } } } {
Portland, OR, USA (0)(0)

~~

>>

Lee and the QRP List:

WARC=World Administrative Radio Conference (I believe).

The bands were set aside in the 1970's to go to Amateur service, one at a time, in the 1980s. I heard from one old timer that the 15 meter band was also a new "WARC" band after the close of WW2. Maybe someone can come up with the dates we obtained these bands.

I think the WARC bands are special for several reasons-

*They provide more frequencies.

*They provide more propagation choices "between" the old bands.

*Contesting is not permitted (USA) in these bands, giving non-contesters a chance.
*30 meters is CW and data only.
*Some folks can't use (older 5-band radios) or won't use (fear of change) the bands.

(Remark- it would be nice to obtain a few more bands between 2 and 7 MHz)

Jay Coote
W6CJ
Los Angeles

Date: Sun, 17 Jan 1999 23:44:12 EST
From: AC5JH@aol.com
To: kf6ihu@morphine.com, qrp-1@Lehigh.EDU
Subject: [30070] Re: Cutting board stock?
Message-ID: <9c6918ba.36a2bc1c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,
I have had good results using the sissors that the parametics carry for cutting off cloths and boots ect. The ones that will cut though almost anything. They will even cut Linclon out of a penny, not that I would have any experience defacing currency, you understand. Well, for cuts on PC board that are no more then 3 to 4 inches, thay work FB. Then I just rub the edge on a file or sand paper to smooth it off. These sissors sell for around \$3 or so a pair and are a nice addition to the work bench tool collection.

The idea about the paper cutter sounds good, too. I think I will try this one, it may be great for larger boards. Should be good for keeping things square too.

72
AC5JH
Tom

Date: Sun, 17 Jan 1999 21:01:04 -0800
From: David Adams <adamsclan@netgate.net>
To: QRP <qrp-1@lehigh.edu>
Subject: [30071] Rad Shack Clearance
Message-ID: <36A2C010.685C3EC2@netgate.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just a heads up. I stopped in the rat shack today and the analog field strength/swr meter (21-523) is on clearance for \$4.97.

73 de dave, n9uxu

--

David J Adams, N9UXU

adamsclan@netgate.net

Amateur Radio, Flow Cytometry, Digital Photography and Parrot enthusiast

<http://u1.netgate.net/~adamsclan>

Date: Sun, 17 Jan 1999 21:09:16 -0800 (PST)
From: kclark@ridgecrest.ca.us (K Clark)
To: qrp-l@lehigh.edu
Subject: [30072] ARCI Western States Net
Message-ID: <v01530501b2c7fbbf1045@[208.138.142.108]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The QRP WSN received some publicity in Worldradio Feb 99 as the last remaining ARCI net. Yes, we are still going, and the sharing of NCS duties has probably helped to prevent burnout. The net meets around 7039 Khz at 9 AM pacific time each Saturday morning. All are welcome. It is an informal net for passing news on weather, qrp activities, questions, and accomplishments. I'm up over my 500th check-in to the net and it has been interesting to hear the variations in propagation. We typically have between 5 and 15 check-ins, mostly up and down the west coast, but at times from as far as Colorado and Texas. The conditions were quite good on 16 January, with most stations hearing nearly all of the others. Sometimes the short skip is not available. Here were the signal levels at Ridgecrest in the Mojave desert:

449	XE2HOH	Jake
589	AB5PC	Dave
569	K5QXX	Lew
579	AC6AN	Ori - first time check-in
569	KB6FPW	Mitch - first time check-in
599	NY6G	Stan
579	K6HJC	Marv - 2nd time check-in
599	W6JHQ	Tom
579	WA6NAE	Dwight

W6SIY Keith - sounded loud on sidetone
589 WE6W Ed
569 KN6YD/M Jeff - mobile North of Bakersfield
569 W7JQY Jack
559 NJ7M Chuck
449 K7TQ Randy

73 & 72, Keith W6SIY
Ridgecrest, CA

40/20 meter dipole at 18 feet; coax fed with no balun, no tuner. North end slopes downward inverted V style.

Date: Mon, 18 Jan 1999 05:29:18 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30073] Re: AL7FS Beacon (temp.) on 28.245 MHz
Message-ID: <36a2c181.18155962@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Apologies all 'round. I finally understand what Jim was saying.

If you are in Anchorage facing north (along the meridian or longitude = line)
and take a line 90 degrees (or thereabouts) from the meridian, the new = line
length before coming around to the same point in Anchorage will be the = length
of the equator and pass just to the south of Chicago, Illinois. Other = cities
on that line would be (approx.) Cincinnati, OH, Charlotte, N.C., and = Myrtle
Beach, S.C. Where it gets REALLY screwy, from a logical standpoint, is = that
continuing that line further means that Rio De Janerio, Brazil is also = Due
East of Anchorage!

It IS the 90 deg. great circle bearing ...

I'm assuming beams and towers should be set to the location's great =

circle
coordinates. How does magnetic variation play into this? Inquiring =
minds
want to know ...

(Can you tell I'm reading a book entitled "A tour of the Calculus" for =
fun?)

Didn't mean to offend anyone. Spoke before I thought about it!

--

72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"
Member -- Tennessee Contest Group

Date: Mon, 18 Jan 1999 01:06:13 EST
From: n4so@juno.com (charles k brown)
To: QRP-L@lehigh.edu
Subject: [30074] Balun or no Balun/Moving on to other Topics
Message-ID: <19990118.060451.6927.1.n4so@juno.com>

Do you need a Balun for your dipole antenna?
See "Building and Using Baluns and Ununs" by Jerry
Sevick, W2FMI, published by CQ Communications.
Reviewed in QST Oct. 1995 page 129.
"Should I use a balun with my single-band resonant
dipole?"

No.

"On page 2 of the book the question is answered with a
definite recommendation. If your feed line comes away perpendicular to
the antenna, then at HF you really don't need a balun. The conclusion is
backed up by the author."

.....test results quoted back up the conclusion."

Reviewed by Paul Danzer, N1II, Assistant Technical Editor, QST.

Now can we move on to other topics???

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622

n4so@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 17 Jan 1999 22:48:53 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30075] a mounting method for reduction drive assy's
Message-ID: <000101be42ae\$9cb4f440\$8e05b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

For anyone contemplating mounting a vernier drive assembly, I have posted to my web site, one method that has worked well for me. goto;

<http://www.accurate-electronics.com/drive>

72/73!

Roger A. McCarty ARS KD6CC
<http://www.qsl.net/kd6cc>

Caution! The 2nd Law of Thermodynamics is at work on all things at all times.

Mankind and Human nature are not exempt from entropy. The only solution is to decide on a higher standard, and commit yourself to it.

Date: Fri, 15 Jan 1999 21:42:21 -0000
From: Peter Zenker <Peter_DL2FI@csi.com>
To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [30076] AW: SGC-2020 Comments??
Message-ID: <01BE42C0.05C98700.Peter_DL2FI@csi.com>

I did a test on this rig when SGC started selling it in Europe as the QRP editor of a German Ham Radio Magazin. We didnt print the test article,

because in a commercial Magazin you ar not allowed to print a worse test. A week ago they gave me another SG2020 to test it. Of course it is one of newest production.

Sorry to say this, but after a week of testing it using two different antenna systems at two different locations, we discussed today to have a "You can use it BUT....." article or to stop the test again. The Receiver is a real horror in crowded bands using standard antennas. (They are right if they say, they have no intermodulation problems. They only have problems with in band signals.)

I tested a dozen US made rigs before including SIERRA, WHite Mountain, NW4040, NorCal40 and got fantastic response by lots of the 35,000 readers of or Magazin, but again I have problems to write this test article. Believe me, I like this big sticker on the top of the rig "Made in USA" but it?s a shame.

Hope the K2 will bring us back into the feeling of good US made rigs like Collins, Drake and TenTec.

By the way: unfortunately in spring 98 I didnt make a copy of the schematics. It would be very interesting to compare the schematics of that time with the schematics delivered at the moment to see if they made some changes. Somebody who could send me a copy of the old one?

Peter, DL2FI

-----Ursprungliche Nachricht-----

Von: JCoote@aol.com [mailto:JCoote@aol.com]

Gesendet am: Freitag, 15. Januar 1999 04:08

An: Low Power Amateur Radio Discussion

Betreff: SGC-2020 Comments??

Anyone have comments on the SGC-2020 HF portable?

Jay Coote, W6CJ

Los Angeles

Date: Mon, 18 Jan 1999 03:42:49 -0500 (EST)

From: Bob Patten <n4bp@bc.seflin.org>

To: W6RCecila <w6rca@ibm.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30077] Re: Choke-type Baluns
Message-ID: <Pine.3.89.9901180300.A22907-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 15 Jan 1999, W6RCecila wrote:

>
> coax. According to Amidon, eight of the FB-77-5621
> cores slipped over RG-58 will result in approximately
> 2K ohms of choking impedance. Given the common 10/1
Will these also fit on RG-8X? What is a good source for them? Or does
anyone on the list have extras that they would like to sell to me?

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Mon, 18 Jan 1999 00:13:29 -0900
From: Alaska QRP Club <akqrp@eagle.ptialaska.net>
To: qrp-1@lehigh.edu
Subject: [30078] Alaska 10 Meter Beacon Test...
Message-ID: <v03007803b2c8a1ecbfff@[208.151.121.179]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

The Alaska QRP Club 10 Meter Beacon will be up for its initial tests
starting at 1000 UTC 17 January 1999 and continuing for at least 24
hours... The note is a bit chirpy and hopefully will be cleaned up in the
next test... Your reports will be greatly appreciated and can be sent
either direct to this address or through the AKQRP web page...

Thanks for your help... This beacon has been coordinated with the
Alaska State ARRL Frequency Coordinator and will be in continuous
operation very soon...

Alaska QRP Club 10 Meter Beacon

Frequency: 28.2825 MHz +/-
Call Sign: KL7AQC / BCN
Location: Fairbanks, Alaska
Grid Square: BP-64-EU
Power Output: < 1 Watt
Antenna: 1/4 Wave GP

72 - Bruce - KL7H

Alaska QRP Club - KL7AQC

Alaska QRP Club Web Site: <http://www.ptialaska.net/~bhopskins/akqrp/>

Date: Sun, 17 Jan 1999 22:25:22 +0000
From: Dick G0BPS <Dick@kanga.demon.co.uk>
To: "Kenneth W. Evans" <w4du@bellsouth.net>
Cc: gqrplist <gqrp-1@blacksheep.org>, QRP List <qrp-1@lehigh.edu>
Subject: [30079] Re: GQRP - SPRAT
Message-ID: <y3z17GASNmo2Ewkr@kanga.demon.co.uk>
MIME-Version: 1.0

In message <36A0F84D.6C79541F@bellsouth.net>, Kenneth W. Evans
<w4du@bellsouth.net> writes

Hi Ken,

Waddya mean..

>Looking forward to reading one of the best QRP magazines.
^^^^^^^^^^^^^^^^^^

Waddya mean.. ONE of the best ??????

Your deed... :-)

TTFN de ..

--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East
Folkestone CT18 7EG U.K.
Tel 44 (0) 1303 891106
<http://www.kanga.demon.co.uk>

Date: Mon, 18 Jan 1999 07:11:43 -0500
From: "W. Kimura" <w.kimura@valley.net>
To: qrp-1@lehigh.edu
Subject: [30080] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
Message-ID: <199901181211.HAA01592@orford.valley.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Don't forget to speed requirement:
"...the ability the send and recieve 5 minutes of unix command strings
at 20 wpm." Hi, Hi!

72, Kim Kimura N1MVU

At 10:32 AM 1/17/99 -0500, you wrote:

>
> (snip)
>
> Internet Extra -- Capable of being a unix sysadmin on a busy system.
> Able to cite networking RFC's in his/her sleep. Full privileges.
>
> This would help clean up the internet from my point of view.
>
> Rick
>
>
>
>

Date: Mon, 18 Jan 1999 07:39:48 -0500
From: n3aaz-qrp@juno.com (John R Kirby)
To: qrp-1@Lehigh.EDU
Subject: [30081] More on Baluns
Message-ID: <19990118.074125.-159199.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Group,

Ah Ha, why some of my baluns do not work...

But first...

re: Balun No Balun and re: Balun 101

>>...comments...<< and >>...trying to teach...<<

Let me say this about that. I am not trying to teach anything. I am trying to GLEAN information. Guess I do not articulate well and it must be my dumb way of asking questions, but, I do TRY to keep the topic POSITIVE. Based on *MY* feeble understanding and comments seen and received related to this topic, we as a group could use a better understanding of the transformer, of which the balun is one. Enough said on that -SK-

More on the >purpose< of a balun (I am sure the balun has more than one purpose).

..."The purpose of a balun is to block common mode waves (current flowing in the same direction on both conductors of a transmission line) and pass differential mode waves (current flowing in opposite directions on the conductors). While some baluns also transform impedances, others don't: "1:1" baluns are very common." credit, John Doty (jpd@space.mit.edu)...

MY feeble understanding of that statement is that a 1:1 balun does not alter SWR.

Based on *MY* statement ...the 1:1 balun does not alter SWR... helps me understand why some of my baluns *do not work*.

John
N3AAZ

.

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 18 Jan 1999 06:28:22 -0500
From: Donald Lefrancois <wb1cdh@mci2000.com>
To: ku7y@dri.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30082] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
Message-ID: <000201be42df\$8a17ac20\$d24937a6@DonaldLefrancois>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Ron,

Canadians can legally use that section of the band. Try having a QSO on CW when they have their nets.

Don K1NNP

-----Original Message-----

From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, January 17, 1999 7:55 PM
Subject: Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP

>On Sun, 17 Jan 1999, Peter Larsen wrote:

>

>> I agree with this. Just listen to all the CW between 7.050 and 7.100

>> to see the evidence of this statement.

>

>Hi Peter,

>

>I am looking in my handbook and don't see any agreement to

>keep CW out of 7050-7100.

>

>This is the 1994 ARRL handbook. Maybe it's outdated already!

>

>cul,

>

>73, Ron, SOWP 5545M,

>

>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

>....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....

>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

>

Date: Sun, 17 Jan 1999 19:54:03 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: KF4EIB@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30083] Re: Soource for Morse Code Key Knobs ?
Message-ID: <36A2862B.2D51C76@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gordon,
Try a well stocked hardware store. Go over the the drawer and cabinet knob area. Lots of sizes colors and materials. I saw a white porcelain job that would do very nice.

Ed AB8DF Waterford, MI

KF4EIB@aol.com wrote:
>
> Greetings to all,
>
> Looking for a source for Key Knobs... different types, shapes, etc.
> Anyone have a bunch in the Junque' Box?
> Thanks in advance.
>
> 72, 73 de Gordon kf4eib

Date: Mon, 18 Jan 1999 07:41:47 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: sjolin@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30084] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
Message-ID: <36A32C0B.46E3@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave,

The US ham bands have always allowed the use of CW anywhere within their

boundaries. It has not changed. Coordination does little wxcept
provide some respect for the other services. Look at 7040 vs 7030.

Bruce

Date: Mon, 18 Jan 1999 09:10:04 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: adams@ticnet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30085] Re: New Topic Heading TCI-RFI-FCC
Message-ID: <36A340BA.58494009@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

While I was living near Houston, I noticed a local cable company rep
wandering the neighborhood with a SONY scanning monitor. I asked him
about it. He said that the cable company has a test signal that is they
transmit (sounded like a 2 tone warble actually) and they then send
techs out in the field to see where the signal can be copied. They
routinely check for signal leakage in this fashion. I think that the
freq was somewhere near 108 Mhz but I am not sure.

Here in Tallahassee, I can't figure out what, if anything, the cable
company does to check for leakage. During an idle moment, I figured out
that I was sending \$540 to the cable company each year. I thought that
I could find a better use for the money and unsubscribed. My wife and
daughter hate me, my son is wrestling challenged but I am convinced that
I did the right thing.

Right on Chuck.

Henry

Date: Mon, 18 Jan 1999 09:03:20 -0500
From: "Dave Maliniak" <dmaliniak@penton.com>
To: qrp-1@lehigh.edu
Subject: [30086] Fox: N2SMH on 1/20 UTC
Message-ID: <852566FD.004D26F3.00@mail.penton.com>
Mime-Version: 1.0

Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I'll be taking my second turn as Da Fox at 0100 UTC on January 20, 1999. That's 8 pm Eastern time on the evening of Tuesday, Jan. 19.

The setup will be a Wilderness Sierra at about 3.5 W out. Antenna will be a 40-meter inverted vee with apex as high as I can get it, which is about 45 to 50 feet. It's fed with 300-ohm window line that's matched with a homebrewed Z-match.

I'll try to set up shop somewhere just above 7.040 MHz and no higher than 7.043 if possible. In the interest of working as many deserving pelt-seekers as possible, please limit yourself to a single call and try not to call exactly on my frequency.

Let's hope for favorable conditions and I'll see you on Tuesday night!

72,
David, N2SMH
Glen Rock, NJ

Date: Mon, 18 Jan 1999 06:04:31 -0800
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [30087] Ugly Weekender QST article needed
Message-ID: <36A33F6F.E92B4D1C@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I need a copy of article "Ugly Weekender"
by Wes Hayward W7ZOI published in QST Aug '81 for
my next homebrew project.

No luck finding. I will gladly pay all costs for a copy.
Thanks for any help.

Please advise for my mailing address.
73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Mon, 18 Jan 1999 06:31:50 -0800 (PST)
From: Christian - KF6IHU/9 <kf6ihu@morphine.com>
To: qrpl-1@lehigh.edu
Subject: [30088] Thanks in Re: Cutting board stock...
Message-ID: <Pine.SUN.4.05.9901180628050.29387@netcom12>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for all the suggestions! I am going to look into getting a giant paper cutter (mine is in storage in the SF Bay Area, and I am in Chicago) and also ordering some standard size stock.

One of the reason I want to cut down the stock is I found these really nice enclosures from Context Engineering when I was out in SF a few weeks back. They are a psuedo clam-shell enclosure with end panels that screw on. Very nice brushed aluminum with internal guides to hold PCBs. They come in black too and are only about \$10 a pop in a really usable size. I think they may have a website, and they also do custom work too.

Anyways, thanks again!

72/73 de KF6IHU/9 - Christian

Date: Mon, 18 Jan 1999 07:32:54 -0700
From: K0RWC <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30089] RFI: Schurr Paddles
Message-ID: <3.0.5.32.19990118073254.00811b30@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks:

Went down to HRO Sat and checked out a set of Schurr paddles. Not enough O's in smooth to describe how good they feel. :-) But I do have some questions:

1. How do they hold up over a long period time (many years). Brass is a

fairly soft metal and I wonder if wear is a big deal?

2. Single spring adjustment, is it enough? Can you really get it adjusted the way you want with the single spring?

3. Any quirks about these paddles I should know about before I part with ~\$250?

72/3 K0RWC

Rod Cerkoney, QRP-L #1764.

Fort Collins, CO

da di dah

Date: Mon, 18 Jan 1999 07:49:48 -0700

From: K0RWC <rwc@frii.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [30090] Foreign Callsign Services

Message-ID: <3.0.5.32.19990118074948.007b3550@mail.frii.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Folks:

Last night I worked PY6RX, BAHIA, Brazil(?), ~14011kHz, (QRO, 100w). Tried to find that call in QRZ, Buckmaster, ULAR & a few others, no luck. Any body know of some good online DBs for foreign call sign look up?

OQRPP--Not only did the Broncos win, but the half time show was great! Worked KG9HV, Lafayette, IN, on 20M. We where both using our OHR-100A's @ ~5W!

72/3 K0RWC

Rod Cerkoney, QRP-L #1764.

Fort Collins, CO

da di dah

Date: Mon, 18 Jan 1999 08:47:42 +0000

From: James Parsons <k5rov@wcc.net>

To: qrp-l@lehigh.edu

Subject: [30091] Help: qrp-l

Message-ID: <36A2F52E.34D881EC@wcc.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I am going into the hospital and need to know ASAP how to postpone incoming messages from QRP-L. I don't want to disconnect from the reflector, but I don't want messages to pile up, either. I had all this info saved to a file, but I lost a hard drive some time ago and lost the info with it. I know there is a way to reclaim the operating instructions of the reflector, but I can't remember how to do that either. Thanks for your help.

Jim, K5ROV

--

James (Jim) Parsons, K5ROV USAF, Ret. Ham for 58 yrs.
k5rov@wcc.net ICQ-17012707 QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Mon, 18 Jan 1999 07:05:09 -0800
From: "Jim Johnson" <km7h@gte.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [30092] FS: Yaesu FT-7
Message-ID: <000101be42f3\$f6de4300\$a5fd2399@km7h>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Asking \$250 + shipping. This rig covers 80-10 (no WARC) Rated at 10 Watts CW and can be adjusted downward with ALC adjustment. Have the manual and a hand mic. Works just fine and is just surplus to my needs. Will consider trades for part or all of value.

Jim Johnson, KM7H
Mukilteo, WA
QRP ARCI #3497

Date: Mon, 18 Jan 1999 07:05:41 -0800 (PST)
From: Jeff <fantbb@yahoo.com>

To: qrp qrp <qrp-1@lehigh.edu>
Subject: [30093] The conquering of Brannan Island (Little long)
Message-ID: <19990118150541.20047.rocketmail@send104.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

As our heavily armoured QRP VW bus pulled up to the campsite we could see the enemy's trees there were destined as antenna supports shaking in fear. Stopping with a screech of tires we leapt out and we hit the ground walking. We figured we should conserve our energy for later on. Whipping out my compass I took a bearing and determined that the enemy's ally, Murphy, must be elsewhere as the trees we needed as antenna supports were perfect for putting the antenna up eastward. Not only that there was a stretch of salty water where our signals would cross. Truly a good site to attack the airwaves.

I pulled out my newly bought Wristrocket (Big 5 sports \$7.98) and took a few practice pulls. Reaching down I grabbed a 3 ounce fishing weight, fed the bright pink twine through the little dinky hole after a few tries and tied it. Aiming at the tree and let fly. However didn't hold it tight enough and with a loud twack it went about 5 feet. This was gonna be harder then I thought.

Denis my compadre was giving me moral support by laughing his tail off. Thanks

Grabbed said weight once again and let fly. Up, up and 25 feet up it landed. Hmmm, that's a little short. Tried again. Same basic result. Reached into the box and pulled out the 2 ounce fishing weight.

Let fly and it went up about 40 feet. Much better. Uh where is it? I could see the string but the weight was up there somewhere. Pulled on the string a few times and slowly the weight came down.

Went to other tree, shot and completely missed the tree.

Moral support was heard once again as laughter drifted over from the VW van.

After about 5 more shots, got a good height and we were ready to go pull the antenna up.

Antenna went right up with some pulling around to keep it from hanging up on the branches. Also found it was better to have the twine farther away in the tree then right over the ends of the wire. Make for a non drooping antenna.

The antenna we used was a 52 foot G5RV with 75 feet of ladder line to a balanced tuner.

Denis mean while had placed our weapons of choice on the table in the VW van.

49er

NorCal 40

Atlas 210X

Index labs multi band SSB/CW rig

Marine battery.

Truely we were well equipped to attack the airwaves!
I hooked up the Atlas and ran QRO to hand out some US Island's on the
air on 14.260. Brannan Island is CA023R.
Made one contact after calling for a while.
Denis was helping by eating a sandwhich to keep his strength up.
Hooked up the Index rig and got on 14.060. Worked fellow in Chicago.
Gave us 329. Chatted with him for a while.
Hooked up the 49er and listened for a while. No one came close enough
to work. Nice little rig. I liked the clarity of the audio. I need to
get one for future battles.
Hooked up NorCal 40. Real nice rig! Had digital frequency display that
Jim Pepper had developed. Little hard to see in the bright light
though. Nice audio also, sensitive. Denis worked a couple of hams with
that.
There was no environmental noise out there at all! Nice and quiet on
the bands. What a change from our QTH's! No noise filter needed out
there at all. Seeing how Brannan Island is only 25 minutes from my
house and an hour from Denis's we are going to work FYBO, QTTF and
field day from there. It is also surrounded by salty delta water with
water table just under the island.
It was so peacefull out there that Denis and I ended ragchewing with
each other. 8-) Listened alot, ate sandwiches and plotted out our
strategies for the battles for the airwaves ahead. So if you didn't
hear us that is why!

72!

Jeff

==

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 18 Jan 1999 10:08:39 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, pubsales@arrl.org, "kanga@bright.net" <kanga@bright.net>, NJQRP Club <njqrp@njqrp.org>, Rick Arland <k7sz@epix.net>, n1bke@arrl.org
Subject: [30094] Demaw book search
Message-ID: <36A34E77.CB2C3ED9@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I pride myself on having most of Dear Old Doug's books. The other day I was checking out the Far Radio Circuits site and discovered that there were apparently TWO different publications of Doug's QRP NOTEBOOK. Mine is a 77 page League book with a 1986 copyright date but the Far Radio site talks about a book with a 1991 copyright date that indicates designs that are either different or perhaps moved around. My book gives no indication that there were multiple editions published. Could anyone shed some light on this for me???

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Mon, 18 Jan 1999 08:04:12 -0700
From: W6RCecila <w6rca@ibm.net>
To: Bob Patten <n4bp@bc.seflin.org>
Cc: qrp-1@Lehigh.edu
Subject: [30095] Re: Choke-type Baluns
Message-ID: <36A34D6C.E3B@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob Patten wrote:

>

> On Fri, 15 Jan 1999, W6RCecila wrote:

> >

> > According to Amidon, eight of the FB-77-5621

> > cores slipped over RG-58 will result in approximately

> > 2K ohms of choking impedance.

> Will these also fit on RG-8X? What is a good source for them? Or does

> anyone on the list have extras that they would like to sell to me?

Those cores have an ID of 0.250" and RG8X has an OD of 0.242" so it should work just fine.

--

73, Cecil, W6RCA <http://people.delphi.com/CecilMoore>

Date: Mon, 18 Jan 1999 10:26:04 -0500

From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>

To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>

Subject: [30096] Receiver kits and project ideas.

Message-ID: <36A3528C.CF35D501@home.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

With a goal of working toward a 100% homebrew station, I would like to build a ham (possibly general coverage) receiver. I've seen the Ten-Tec kit and I've read up on Doug Demaw's "His Eminence the Receiver" design. Does anybody know of any other fairly high performance receiver designs floating around out there? If some club was looking to kit up a project at some point in the future I'd love to see a good general purpose receiver to use with all those little transmitters that keep falling together on my workbench.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Mon, 18 Jan 1999 08:28:28 -0800
From: af852@rgfn.epcc.edu
To: whowell@hq.nasa.gov, qrp-1@lehigh.edu
Subject: [30097] Re: passed the code test and not past
Message-ID: <36A360CE.184A@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

No big deal - we all (?) knew what you meant. However, you were also correct in that you did get past a hurdle, i.e. past the code! So there, correct either way.
73 and congratulations.
Ray

--

Ray Colbert,
(also w5xe@juno.com)
El Paso, Texas (Far West Texas)

Date: Mon, 18 Jan 1999 09:40:48 -0600 (CST)
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-1@Lehigh.EDU
Subject: [30098] Son of Fireball:please don't confuse...
Message-ID: <v01540b01b2c8b0e6324d@[32.100.137.151]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

After my last posting, I received several emails from people who ordered the NJ QRP Club Jersey FireBall 40 kit and were concerned because they didn't see their name on my shipping list. That's because I am not the source for those kits... the son of fireball is a group buy for a custom oscillator for 28.060 MHz (the 10M QRP calling frequency). Although this custom oscillator is compatible with the Jersey FB 40 kit, I have no connection with those orders (other than having placed one myself :-)).

Hope this straightens out things for those who were confused.

72,

Mike N5JKY
Edmond, OK

Date: Mon, 18 Jan 1999 07:56:54 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Wyn@Worldnet. Att. Net" <wyn@worldnet.att.net>, "Winston F. Jones" <winjones@ix.netcom.com>, "Wa8rxi@Juno. Com" <wa8rxi@juno.com>, "Tom K4AKC" <topdog@advicom.net>, "Smann@Advi. Net" <smann@advi.net>,
Subject: [30099] Mounting a vernier reduction drive
Message-ID: <000101be42fb\$2b8f7900\$9105b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you looked before but did not get the pix to download, please try again.

<http://www.accurate-electronics.com/drive>

Roger A. McCarty ARS KD6CC
<http://www.qsl.net/kd6cc>

Date: Mon, 18 Jan 1999 10:01:00 -0600
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [30100] TRUE STORY, I SWEAR! (was VIRUS ALERT!)
Message-ID: <000701be42fb\$bea2d700\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I know this guy whose neighbor, a young man, was home recovering from having been served a rat in his bucket of Kentucky Fried Chicken. So anyway, one day he went to sleep and when he awoke

he was in his bathtub and it was full of ice and he was sore all over. When he got out of the tub he realized that HIS KIDNEY HAD BEEN STOLEN and he saw a note on his mirror that said "Call 911!" But he was afraid to use his phone because it was connected to his computer, and there was a virus on his computer that would destroy his hard drive if he opened an e-mail entitled "Join the crew!" He knew it wasn't a hoax because he himself was a computer programmer who was working on software to save us from Armageddon when the year 2000 rolls around. His program will prevent a global disaster in which all the computers get together and distribute the \$600 Neiman Marcus cookie recipe under the leadership of Bill Gates. (It's true-I read it all last week in a mass e-mail from BILL GATES HIMSELF, who was also promising me a free Disneyworld vacation and \$5,000 if I would forward the e-mail to everyone I know.) The poor man then tried to call 911 from a pay phone to report his missing kidneys, but reaching into the coin-return slot he got jabbed with an HIV-infected needle around which was wrapped a note that said, "Welcome to the world of AIDS." Luckily he was only a few blocks from the hospital... the one, actually, where that little boy who is dying of cancer is. The kid whose last wish is for everyone in the world to send him an e-mail and the American Cancer Society has agreed to pay him a nickel for every e-mail he receives. I sent him two e-mails and one of them was a bunch of x's and o's in the shape of an angel (if you get it and forward it to twenty people you will have good luck but ten people you will only have ok luck and if you send it to less than ten people you will have BAD LUCK FOR SEVEN YEARS). So anyway, the poor guy tried to drive himself to the hospital, but on the way he noticed another car driving along without his lights on. To be helpful, he flashed his lights at him and was promptly shot as part of a gang initiation. And it's also a little-known fact that the Y1K problem caused the Dark Ages.

Let's all lighten up....

Kevin, WB5RUE

Date: Mon, 18 Jan 1999 12:01:30 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [30101] Re: RFI from TCI wireless modem jacks
Message-ID: <36A368EA.48AE@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Allan G. Taylor wrote:

- > It has not yet appeared on qrp-l that I recall, but there is a serious RFI
> problem in No Cal from so-called wireless modem jacks. All to date are
> attributable to a batch (~1000000 of 'em) made by Phonex (Midvale UT) and
> installed by TCI as part of the billing hardware for their Digital Cable TV
> systems. They are used to tie the TV cable box to the customer's phone line and
> use two frequencies with some sort of pulse/FM signal (duplex) for that
> interface. They, in principle, use the power wiring in the home to move the
> RF around from one to the other. They didn't have to do it that way, but
> it is much easier and faster than installing a hard telephone line between the
> two.
- > Well... as we all know, RF tries to radiate...
- > The bad frequency chosen for these units is (circa) 3520 kHz. As a result,
> most communities in the SF Bay area have the 80m cw band, from ~3505 to ~3550
> consumed by various trash digital signals of up to S9+30 dB strength. An
> investigation into the power of these units came up with about 100mW (there,
> QRP...) and they radiate VERY WELL. It is the 2nd harmonic that is clobbering me
> right now. I am actively working with the local TCI installation supervisor
> and they are REALLY HELPING... replacing the problem units with others tuned
> to other frequencies. in about a week of effort, about 40% of the signals have
> been removed. The din is starting to quiet a bit. I am fortunate in having a
> cooperative and informed point man at the local TCI office. I have a few
> more (the 2nd harmonic: 7039 and 7043) affect me more than the fundamental
> right now as I don't yet have an 80m antenna. This is likely the case for many
> others here and elsewhere.
- > He has given me corresponding contact numbers for a few other cities in the
> Bay area and will soon give me his entire list. I am feeding these to
> affected hams in the area through the NCCC reflector (No Cal Contest Club...).
- > If you are in the Bay area (CA) and haven't listened to 3500 - 3550, do give
> it a listen. If you ever plan to use that band (not necessarily now using it)
> PLEASE contact TCI and actively pursue the cleanup, albeit POLITELY. This
> effort is costing TCI BIG BUCKS, I am certain as it is nationwide. Ask for the
> general manager or the area installation supervisor.
- > For others also go listen and see if you have a problem now or beginning. It
> is my understanding that they are all throughout the area near Newington in
> a spot check by an ARRL staffer using his mobile rig. Ed Hare is well aware
> of this problem and the solution: he was right in the middle of it (Hi Ed).
- > They are supposed to stop installing the bad units but ... who knows for sure.

> TCI supervisors HAVE BEEN informed about the problem and have a plan for
> remediation. Take initiative. Go do it. Let's get 80m back...

Amen.

First, I will refer you all to
<http://www.arrl.org/tis/info/rfiteljx.html> for info on these devices.

Second, although this one is generally a success story, we are also getting reports that some TCI offices do not yet know about the problem. I have been in constant contact with TCI and Phonex folks. TCI sent me a copy of the corporate memo where they told their regional engineers about the problem, and asked that this be addressed as a top priority.

If any hams do hear these signals, typically from 3.515 to 3.540 MHz, first read the info on our Web page. You can then contact your local TCI office. They will try to identify the offending wireless modem jack and replace it with a hard-wire connection to the telephone wiring or, as soon as 3.3 MHz units are available (estimate 2-4 weeks) they will replace the 3.53 MHz units with ones not in the ham bands. TCI has acted reasonably responsibly, but they are a big organization with about a thousand service centers, so problems, especially at first, are inevitable. I have offered to serve as a liaison between TCI and hams, so if you have any problems, please report them to me and I will do what I can to help. This could range from sending your problems to TCI corporate, so it rolls back downhill, or perhaps helping identify a non-TCI source for the problem, etc.

72 from the ARRL Lab,
Ed Hare, W1RFI

Date: Mon, 18 Jan 1999 13:14:49 -0500
From: Mike Boatright <ko4wx@mindspring.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [30102] New Topic Heading TCI-RFI-FCC
Message-ID: <36A37A19.B4FD2CBB@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It might not be a bad idea to get the ARRL involved. At least before going en masse, we ought to be sure they are aware of the situation. They have a strong relationship with the FCC and could have influence

over the manufacturer. Certainly, they are capable of making a technical assessment of the problem. Zach runs a pretty good lab...

No flames please. I know there are folks on both sides in opinions regarding the League. It just seems prudent to avail ourselves of their experience in this touchy area.

My cable company is so bad that when I complain about interference, they usually end up making it worse...

72 de Mike, K04WX

Date: Mon, 18 Jan 1999 13:13:23 EST
From: n4so@juno.com (charles k brown)
To: QRP-L@lehigh.edu
Subject: [30103] ZL9CI 7.006
Message-ID: <19990118.181202.7727.2.n4so@juno.com>

ZL9CI Chatham Island 7.006 at 0600Z, listening up 1khz.

QSL cards and donations go to:
Ken Holdom, ZL2HU
Kermadec DX Association
P. O. Box 56099
Tawa, New Zealand
Source: QST Jan. 1999 p 73

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 18 Jan 1999 10:30:14 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <kf6ihu@morphine.com>
Cc: "QRP-L List" <qrp-l@Lehigh.EDU>

Subject: [30104] cutting boards
Message-ID: <01be4310\$96d87b20\$e2142599@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Christian

I picked up a cheap plastic miter box at the local hardware store. I use a regular hacksaw, but with a fine blade with 32 teeth per inch. Cuts nice vertical surfaces, and makes nice 90 degree corners--finally :-)
I hold the bit of PC board tightly with duct tape so it can't move during cutting.
73, Bob N6WG

Date: Mon, 18 Jan 1999 10:45:55 -0800
From: Danh Le <dle@san-jose.tt.slb.com>
To: qrp-l@Lehigh.EDU
Subject: [30105] Need help with RF feedback on Mobile Installation
Message-ID: <199901181842.KAA28543@San-Jose.tt.slb.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I have a Kenwood TS-50s installed in the car for about a year now. I was able to use it on 15m and 40m without any problem. But on other bands (20m, 17m), there is quite a bit RF feedback to the radio - To the point that the radio ALC circuit would cut back the output power (even at 10 W setting) when the radio is keyed down! - I did try to ground the radio into the car chassis (at the radio ground terminal) with not much success.

I was thinking about getting a BIG ferrite core, running the feedline thru it a few turns to see if it help cutting the RF feedback into the radio.

Is there any problem with wrapping the feed line thru a ferrite core?

Tnx es 72 / 73 de Dan, ke6d

=====
Danh Le
Amateur Radio Station KE6D QRP-L # 1212 NORCAL # 2414
dle@san-jose.tt.slb.com (work)

dql@ke6d.ampr.org (play)
ke6d@w6yx.ampr.org (packet)

=====

Date: Mon, 18 Jan 1999 12:48:09 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: k5rov@wcc.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30106] Re: Help: qrp-l
Message-ID: <36A381E9.C893216A@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

James Parsons wrote:

>
> I am going into the hospital and need to know ASAP how to postpone
> incoming messages from QRP-L. I don't want to disconnect from the
> reflector, but I don't want messages to pile up, either.

Jim, sorry about the hospital. Hope you are up and active shortly.

SET QRP-L MAIL POSTPONE to listserve@Lehigh.EDU
leave subject blank.

73 de Dave, N0IT

Date: Mon, 18 Jan 1999 12:49:31 -0600
From: "Rich McCabe" <rmccabe@dwx.com>
To: <k5rov@wcc.net>
Cc: "QRP list (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [30107] RE: Help: qrp-l
Message-ID: <002601be4313\$78579d40\$6300000a@rmccabe.dwx.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here is the stuff that came with my subscription to the list. I hope this helps

Welcome to the Internet QRP mailing list!

CONTENTS:

1. Introduction
2. The Essentials
3. Common List Server Commands
4. QRP-L Unique List Server Commands
5. FTP Archive
6. WWW HyperMail Archive
7. QRP-L History

1. INTRODUCTION

The QRP mailing list is open for discussion of any subjects relating to low-power amateur radio operation. Example topics: portable operation, equipment design and construction, solar and battery power, QRPP, contesting, kit building, ...

2. THE ESSENTIALS

* COMMANDS TO THE LIST SERVER

Must be sent to listserv@Lehigh.EDU in the BODY of the mail message, not in the Subject: of the message. Leave the Subject: blank or type in an "X" if your system requires.

* POSTING TO THE LIST

Messages you wish to have distributed to the list must be sent to qrp-l@Lehigh.EDU.

* OTHER STUFF

A copy of this file is available in QRP-L/WELCOME.TXT. Hopefully an up-to-date Frequently Asked Questions (FAQ) file will soon be available to supplement or replace this file. Watch for an announcement on the list.

Please keep your mailing address up to date. If your e-mail address is to be changed please unsubscribe and resubscribe from the new address.

If your mail bounces for 'no such user' or 'no such machine', you will be removed from the list. Please try to subscribe from a system that

doesn't send periodic 'I couldn't deliver the mail for 1 hour/3 hours/1 day/etc.' messages as it makes it that much more difficult to manage the list.

Please do **not** send subscribe/unsubscribe requests to the entire list.

If you are having problems, send email to:

Jim Eshleman <lujce@Lehigh.EDU>
or
Chuck Adams <adams@ticnet.com>

3. COMMON LIST SERVER COMMANDS

Remember, all these commands must be sent to listserv@Lehigh.EDU in the BODY of the mail message, NOT in the Subject: of the message.

* GETTING ON THE LIST

SUBSCRIBE QRP-L your_name your_call

where "your_name" is your real name, and "your_call" is your callsign, if any. For example:

SUBSCRIBE QRP-L John Doe K5FJZ

* GETTING OFF THE LIST

UNSUBSCRIBE QRP-L

* SUBSCRIBING TO THE DAILY DIGEST

If you'd rather receive one e-mail a day containing all the postings with a table of contents at the beginning, use this command after you have subscribed to the list. Warning: The daily digests are large. You also use this command to start receiving digests again after having postponed your subscription.

SET QRP-L MAIL DIGEST

* POSTPONING YOUR SUBSCRIPTION

If you're going on vacation, or you just want to stop receiving QRP-L for awhile but still want to remain a member of the group, use this

command. You'll still appear on the recipients list, but will
receive
no mail.

SET QRP-L MAIL POSTPONE

* RECEIVING INDIVIDUAL POSTINGS

Use this command to start receiving individual postings after having
subscribed to the digest or postponed your subscription. This is the
default set when you first subscribe to QRP-L.

SET QRP-L MAIL ACK

* GETTING A LIST OF SUBSCRIBERS

Use this command to receive a list of all QRP-L subscribers. The
list
includes each subscribers name, e-mail address, and call.

RECIPIENTS QRP-L

* OBTAINING A FILE INDEX

To receive a list of all QRP-L related files available via the list
server, use this command. Note that all the files are also available
via the anonymous FTP server at ftp.Lehigh.EDU.

INDEX QRP-L -ALL

* RETRIEVING A FILE

Use this command to retrieve a file via the list server. If the file
is a binary file it will be UUEncoded before being sent.

GET QRP-L/subdirectory filename

For example, to retrieve the daily archive (all the list messages)
from
April 6, 1993 use the following command:

GET QRP-L/ARCHIVES/1993 930406

* SEARCHING THE ARCHIVES

You can search the list archives (files) for a "regular expression"
pattern. If you don't know what that means, you can just specify a
word. All files in the specified archive (directory) are searched.

While the search is case insensitive, the server seems to have trouble at times with uppercase letters in the pattern, so please use all lower case characters. The output returned to you just shows the lines in each file that matched the pattern. You then have to GET the file(s) you want. Send a HELP SEARCH command for more information. For example:

```
SEARCH QRP-L/ARCHIVES/1995 "^subject:&administrivia"
```

returns the following output:

```
Matches for pattern ^subject:&administrivia ...
```

```
--- Archive: Archives (path: qrp-l/Archives/1995)
```

```
>>> File 950522:
Subject: Administrivia
<<< End of matches in file 950522
```

```
>>> File 950525:
Subject: Administrivia: Digests
Subject: Administrivia: lost mail
Subject: Re: Administrivia: lost mail
<<< End of matches in file 950525
```

```
>>> File 950601:
Subject: Administrivia: Digest format
<<< End of matches in file 950601
```

* OTHER LIST SERVER COMMANDS

For more information on all the available list server commands, try sending the following:

```
HELP
HELP TOPICS
```

and for more detailed information on a specific command, like GET:

```
HELP GET
```

4. QRP-L UNIQUE LIST SERVER COMMANDS

* OBTAINING A QRP-L MEMBER NUMBER

Use this command to obtain a QRP-L member number.

```
RUN QRP-L X GETNR callsign
```

where "callsign" is your callsign. Use the word NONE if you don't yet have a callsign. The list of assigned member numbers can be had via the command:

```
GET QRP-L/MISC MEMBER_NUMBERS.TXT
```

* RECIPIENTS SORTED BY CALL AREA

This command runs Smitty's qrp_call program, which returns a report of QRP-L subscribers sorted by call within call area.

```
RUN QRP-L X QRP_CALL
```

A PC version of the program is available in QRP-L/TOOLS/QRP_CALL.ZIP. It uses the output of the list servers RECIPIENTS QRP-L command as input.

* GREAT CIRCLE DISTANCE

You can compute the great circle distance between a pair of Lat/Long locations. For example:

```
RUN QRP-L X GC 40.3476N75.2046W 32.4700N96.4800W
```

returns:

Bearing is 252 Degrees for 1130 Nautical Miles = 1300 Miles = 2092 Km

* LOOKUP A CALL IN THE FCC DATABASE

```
RUN QRP-L X FCC_CALL callsign
```

where "callsign" is the call you wish to lookup.

* GREAT CIRCLE DISTANCE BETWEEN TWO CALLS

```
RUN QRP-L X CALLS2DIST callsign1 callsign2
```

For example:

```
RUN QRP-L X CALLS2DIST N3VXI K5FO
```

returns:

N3VXI ZIP = 18055
K5FO QTH = ADAMS, CHARLES N
BOX 181150
DALLAS TX 75218-8150

N3VXI Lat/Long = 40 34 46 N 75 20 28 W
K5FO Lat/Long = 32 47 00 N 96 48 00 W

Output from "gc 40.3476N75.2046W 32.4700N96.4800W":

Bearing is 252 Degrees for 1130 Nautical Miles = 1300 Miles =
2092 Km

5. FTP ARCHIVE

The anonymous FTP archive at ftp.lehigh.EDU in pub/listserv/qrp-l
mirrors the files available from the list server. Or use a WWW browser:

<ftp://ftp.lehigh.edu/pub/listserv/qrp-l>

Note that files are compressed, i.e. end with .Z, but if you ftp
without the .Z extension, the file will automatically be uncompressed.

6. WWW HYPERMAIL ARCHIVE

You can read the postings to the list via the URL:

<http://www.lehigh.edu/lists/Archives/qrp-l>

7. QRP-L HISTORY

This list was started by Chuck Adams K5FO (adams@ticnet.com) by an
announcement on the rec.radio.amateur.misc USENET group in early 1993.
Bruce Walker, WT1M, maintained the mailing lists and FTP area from then
through August 1994 on a system at Thinking Machines Inc, Think.COM.
Then it was moved to qrp-l@netcom.com until May 14th, 1995. Thanks to
Mike Ardai, N1IST, for all his hard work during the time that QRP-L was
on netcom.com.

Chuck is still the keeper of the non-electronic archives, including
copies of some schematics, etc. Contact him directly or watch this list for
more info.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of James Parsons

Sent: Monday, January 18, 1999 2:48 AM

To: Low Power Amateur Radio Discussion

Subject: Help: qrp-l

I am going into the hospital and need to know ASAP how to postpone incoming messages from QRP-L. I don't want to disconnect from the reflector, but I don't want messages to pile up, either. I had all this info saved to a file, but I lost a hard drive some time ago and lost the info with it. I know there is a way to reclaim the operating instructions of the reflector, but I can't remember how to do that either. Thanks for your help.

Jim, K5ROV

--

James (Jim) Parsons, K5ROV USAF, Ret. Ham for 58 yrs.

k5rov@wcc.net ICQ-17012707 QCWA, NWQRP, Fists, ARRL

EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),

DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).

JOHN 3:16

Date: Mon, 18 Jan 1999 11:00:08 -0800 (PST)

From: Brad Bradfield <b_bradfield@yahoo.com>

To: qrp-l@lehigh.edu

Cc: boice@bigfoot.com, inforhc@mail.infocom.etecsa.cu

Subject: [30108] re: Tower as an antenna

Message-ID: <19990118190008.2566.rocketmail@send205.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Good afternoon Mike and the group - -

I would only agree partly with Arnie's comments. The grounded tower, with attached guys, CAN be made to load on some given frequency. The problem that occurs, is that you have little way of predicting what the real radiation pattern will be with these additional electrical attachments. With guy wires being symmetrical about the tower, the radiation pattern will also be basicall symmetrical. In addition to the folded monopole feed that Arnie mentions, shunt fed towers can

also be fed either with a gamma match or with a slant wire. Gamma feeds are covered in many other amateur sources. With a slant wire, a feed wire is run up to the tower at an angle, and attached at a point that provides a 50 Ohm feed point. Any reactance (normally inductive) is then tuned out. If you've got some method of looking at what the load is (RF-1 or MFJ-259, for instance), attach a feed wire and see what the load looks like. Try different points until you find one that you can match and live with. As with any vertical, however, you will need radials under the tower in order to achieve decent efficiency. In short, whattayagottolose in trying the thing. That's what amateur radio is all about.

72's es 73's,

Brad, W5CGH

==

Brad Bradfield, PE	W5CGH	Systems Engineer
(ex WB0CGH)		Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377	SMIRK #4906
ARS #72	Austin QRP Club #e

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 18 Jan 1999 12:09:00 -0700
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-l@lehigh.edu
Subject: [30109] Re: Thanks in Re: Cutting board stock...
Message-ID: <36A386CC.D3703C1D@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Context Engineering enclosures are at:

<http://www.consite.com/context/new.htm>

Christian - KF6IHU/9 wrote:

> One of the reason I want to cut down the stock is I found these really
> nice enclosures from Context Engineering when I was out in SF a few weeks
> back.

72 - john - n0hj

John A. Evans, N0HJ Chief Systems Administrator
Office: (719) 528-1800 x164 Titan Software Systems
Fax: (719) 528-1888 1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Mon, 18 Jan 1999 12:13:03 -0700
From: Niel Skousen <nskousen@scientech.com>
To: qrp-l@lehigh.edu
Subject: [30110] Help paddles-good/bad basics
Message-ID: <4.1.19990118120849.009bf6d0@if.scientech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang, HELP ...

With all the Schurr and WFB and Mercury paddle mania of late I've got some
newbie questions !!

I've been reading the paddles stuff w/ interest, and I know my MFJ bench
clones are not the best paddles (and mine have some stripped adjustments to
boot...) but on the cheaper end of the scale what are the good and 'less
good' (gotta be PC ya know.. *8-0) paddles out there...

How do the Norcal paddles rate ?

How do my MFJ paddles rate ??

TNX Niel

Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG, NUSI WA7SSA
208.525.3742, 524.9229 FAX 529.4721 Idaho Falls ID
nskousen@scientech.com DN33wm . . . -z

Date: Mon, 18 Jan 1999 13:21:23 -0600
From: jmbrown@edge.net (JERRY BROWN)
To: qrp-l@Lehigh.EDU
Subject: [30111] PRC-6 conversions (tubes for QRP)
Message-ID: <36A389B3.4DB1@edge.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

- 1- Has any made or does anyone recall an article on the conversion of the famous military HANDIE-TALKIE PRC-6 (tube unit) to QRP on HF???
- 2- Where can one find a service manual?
- 3- Obviously this would probably require "parting out" the PRC-6, since it works in the mid-55 mHz range from the factory and is very densely packaged.

For those who need a "bit" extra heat in the shack!

TNX es 72 for 99,

N4EO

Date: Mon, 18 Jan 1999 13:42:20 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-l@Lehigh.EDU
Subject: [30112] RE: Foreign Callsign Services
Message-ID: <36A38E9C.2587@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

<http://peachy.apana.org.au/callbook.html>

73

--

Michael Melland, KB9QHU
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656
CW, SSB, and Electronics

List Administrator: grundig@qth.net
http://www.vbe.com/~badger
http://www.qsl.net/kb9qhu

Date: Mon, 18 Jan 1999 11:44:32 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <rlwc@frii.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30113] Re: Schurr Paddles
Message-ID: <30d201be431a\$fac83cb0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rod --

In my collection of paddles, I have a Schurr Portabel Wabbler which is currently my favorite key. It is only one of two which can successfully be used at 50+ wpm (the other is a WBL V22). Others include two benchers, a NorCal, an Envirotronics 501G (great for mobile/portable) and a G3xxx mini. I don't have much operating experience with the Schurr Profi other than having played with one for ten minutes. Many other folks on the list would rate the WBL higher than the Schurr, and I can understand that. Personally, I go back and forth between the two depending on my state of mind. I don't have a Mercury -- if I could afford a Mercury, I would also be living on ocean-front property at the top of the mountain.

>1. How do they hold up over a long period time (many years). Brass is
a
>fairly soft metal and I wonder if wear is a big deal?
>
No problems after three years. Most paddles use brass.

>2. Single spring adjustment, is it enough? Can you really get it
adjusted
>the way you want with the single spring?

Works just fine for me. If this is a concern, try the WBL.

>3. Any quirks about these paddles I should know about before I part
with

>~\$250?

Nice touches include a built-in cover and a friction fit slot for the adjustment wrench.

Before you plunk down this much hard-earned cash, try to find someone with a WBL to test drive, preferably next to the Schurr. Both are butter-smooth. The WBL is infinitely adjustable. The Schurr has a slightly softer feel (not soft-mushy, just softer on the fingers). Either of these tools will serve you well for your CW career.

Mike K1MG

Date: Mon, 18 Jan 1999 12:32:39 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [30114] FS: QRP rigs
Message-ID: <19990118203239.795.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

For sale:

TenTec 1330 30M qrp rig, works fine, with manual. Only imperfection is small scratch on top cover. \$75 shipped.

MFJ MFJ-9015 15M qrp rig, no keyer or audio filter. Works fine, very minor scuffs on case, no manual. \$75 shipped.

Would consider one for one trades for Wilderness SST-20 or SST-40 or +/- cash on other qrp rigs. What do you have ?

Alan, N3BJ
Bent Mountain, VA

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 18 Jan 1999 13:22:48 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [30115] Boots for your qrp rig
Message-ID: <36A39818.4592@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPer's!

FYI, I noticed that Dans Small Parts has a mono band amp you can build for about 13 bux! You mention what band you want to use it on, and he sends the parts with board. I believe it is a 5 watt amp.

72, Tom WB5QYT

Date: Mon, 18 Jan 1999 20:45:10 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [30116] OHR-100(A) building Project.
Message-ID: <36A39D56.3D04@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang, I recently offered to build a OHR-100(A) for a friend without the time to get it built and running by FYB0.

Here are my findings and status:
Kit received Friday Night.

Started the kit at 12:30 PM Saturday. First power up at Midnight after 10 Hours of building. There's a movie and dinner break in there somewhere....

I wound all the toroids tightly to the core, using my thumb to genly conform without kinking the wire. Came out very beautiful.

Initial measurements: VFO was up nearly 200 KC's and I could only get it down to about 65 KC's from where it needed to be. So I re-wound L114 with 1 more turn. This and some wire manipulation got the rig right on the money.

The 11.05 MHz XTAL that beats with the VFO to form the 16.0 MHz

signal, well, it was at 11.062 MHz. Also, the output of the VFO was WAAAAAY DOWN!!! I got nervous and while it was on, I watched the signal get weaker and weaker until NOTHING!!!

After 1/2 hour of voltage checks and signal tracing, I removed the MPF-102 FET in the VFO and substituted the buffer MPF-102 FET. That fixed the VFO for good but I needed a FET for the buffer. I found a pile of 2n4416 FET's, metal can, and after verifying the leads I installed it. Beautiful! Nice 12 volts P-P out of the 2n4416 heading to the first mixer. Of course the little capacitor (pF value) to pin one of the SA602 mixer drops this signal to 1.5 Volts p-p. The 11.062 oscillator is 2 to 3 Volts p-p.

The composite waveform exits the mixer and passes thru the double tuned peaking filters at 16.xx Mhz, then is coupled to the detector OHR added so one can get .1 to .4 volts signal there. PROBLEM: ONLY 1 millivolt!

I REALLY HATE these mini capacitors that everyone uses in the tuned circuits! Hate! Hate! There, I feel better. The problem with them is you can't SEE the plates. I like to center the trimmer half way and tune the toroid, then trim the capacitor with plenty of fine tuning range. But you don't know if you are all the way open or closed with these &^@#!!) things.

So I'm going to pass and solder a coupling loop and check the range of these two 16 Mhz filters with my GDO. I want that big 16 Mhz signal that is supposed to be there. I also want my freq. counter to run off the 'osc-output' port. Currently too weak a signal there.

Rig performance so far:

- * This (A) model is VERY Stable. I breath-warmed the vfo and it very quickly recovered! I am impressed! The folks at OHR must've spent some time on this puppy. I now believe Dick when he says the VFO is STABLE As a ROCK. Sure it drifts when warming up. But thermally, it is very nice. And of course these are my initial observations not done with Blue-ice and my Spectrum analyzer, but it is obviously a very stable vfo.

I applied a VERY SMall amount of the 'polycel insulating foam' after drilling out the delivery tube on the can :), and I patted it down into the turns of the L114 VFO toroid. I also touched some to the board/toroid locations to support the core. Guess what? The expanding foam did its job nicely. And the VFO was DEAD ON Frequency during AND After curing! My 60 watt task light made quick curing of the foam too.

In Summary:

Replaced a bad MPF-102 FET, locked in the L114 with insulating foam,
Got big 12 Volt P-P VFO signal out of the buffer and suffering
from needing to re-wind the 16 MHz peaking filters..

This guy is gonna love this rig!

Compared to my OHR-100 Original:

Things I like on the (A) model:

Center detent RIT. New silk-screened frequency dial is very
close to accurate. Dead on from 0 to 55 KHz, then from 3 to 5
KHz off above that.

Well compensated VFO; Separate speaker output from phones.

Oh, things I don't like:

* Output power adjust requires a screwdriver. My OHR-100 original
has a small pwr-adjust extension shaft. Power adjust is in the back
which may be a preference issue.

* Difficult to set VFO, requires time with L114. No easy tuning
capacitor for the VFO like the original 100. Getting to the novice
band is a big tuning task.
HOWEVER -- I suspect that capacitor in the 100-original affected
drift....

Taste, Neither good nor bad:

- * Don't like the RCA input for the Key. (Although this is more
taste than anything else. Also since my keys all use 1/4 inch plugs
:)
- * 3.5 mm 1/8 inch? Mini jacks for speaker and headphones.
- * Rit knob had to be pulled back 1/16 inch on the knob because
something was gritty.
- * Main Tuning potentiometer had no flat washer, the lock washer directly
bites into the paint and wrinkles it. (Knob hides this.)
- * Was surprised the case panels were not wrapped in plastic when the
shipment arrived. The packing peanuts did an excellent job supporting
the rig and it was received in good shape. There was a miniscule paint
void in the word "WIDE" under the Bandwidth adjustment potentiometer.
The letter I was a little weak. Not a problem. Just FYI.
- * Had to scrape lots of paint off the inside of the case so that the
S0239 socket had a good ground connection. Final polishing was

with '000' grit steel wool. The sanding was done in the garage, well away from the kit. The metal filings were cleaned off before returning to my work area.

OH, the first thing I do before building a kit is tape down a large sheet of thick white paper, like butcher paper, but this is my kids' drawing paper. 14x17 inches or so. Really helps keep everything clean and reflected light is better. Also I can write directly on the paper, including the drawings for parts if I am into troubleshooting. It helps to jot down how many turns were on the toroid you just removed so you don't end up putting the same number on a SECOND time!!! Fortunately I didn't burn any time making that mistake.

I hope some of you prospective builders find something useful in this post and I apologize for the lenght.

Best to all es CUL -- Ed Loranger WE6W "72"

--

-Ed AR QRP Millennium QSO's=138/2000
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 18 Jan 1999 13:17:43 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30117] Fireball Jr...28.060
Message-ID: <36A396E7.4F9A@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPer's!

In antispation of getting my "Son of a Fireball" soon, I will be on 28.060 daily from 2050 till 2120. Rig will be a HTX-100 set at 2 watts out to a 102 inch whip on the side of my truck. Keyer will be the Whiterook paddle with the Tick 1 chip mounted in a mini-clip board.

Hope to work some of you while heading to work!!

72, Tom WB5QYT/qrpm

Date: Mon, 18 Jan 1999 15:00:20 +0000
From: James Parsons <k5rov@wcc.net>
To: qrp-1@lehigh.edu
Subject: [30118] Re: Help: qrp-1
Message-ID: <36A34C84.90B55C27@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to the many, many stations who answered my request for help in postponing my mail. There were just too many to answer individually.

I am going into the hospital for tests. I do this every six months after a bout with cancer in both kidneys in 1992. Both kidneys are still functioning, and, thanks to the good Lord, I have been cancer free since. But we gotta keep checking.

Again thanks for all your help, and for all of the good wishes.

Jim, K5ROV

Date: 17 Jan 99 12:04:45 EST
From: Tom Cooper <wleat@usa.net>
To: qrp-1@lehigh.edu
Subject: [30119] My new rig...
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, it started out as a xtal controlled 1 transistor oscillator for SKN, and now is a KD1JV DDS VFO driving a buffer and power amp, all made from 2n3904's, on 160 thru 30 m. About .5w on 30m up to 2w on 160m.

Some more 2n3904 and 2n3906's make up the keying switch, so I have full break-in, and it works like a charm with various receivers.

What is so unusual for me about this rig is that it works, unlike most of my projects. Give me a couple more days and I'm sure I can "improve it" enough so that won't be true anymore. In the meantime, I hope to see you on 1.810, 3.560, 7.040 and 10.106!

72/73,

Tom W1EAT

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Mon, 18 Jan 1999 16:39:09 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: Dick G0BPS <Dick@kanga.demon.co.uk>
Cc: "Kenneth W. Evans" <w4du@bellsouth.net>, gqrplist <gqrp-l@blacksheep.org>, QRP
List <qrp-l@Lehigh.EDU>
Subject: [30120] Re: GQRP - SPRAT
Message-ID: <Pine.BSI.3.96.990118163324.26434B-1000000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Afraid I have to agree with Ken. I would have to call it a "Three Way Tie"

SPRAT - QRPP - QRP Quarterly - (Alphabetically Listed :^)

We should be and are equally proud of our QRP Journals. They are after all

Heads and shoulders above the Commercial Ham Magazines.

IMHO No true QRP would be with out any of them...

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Locksmith Services
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

On Sun, 17 Jan 1999, Dick G0BPS wrote:

> In message <36A0F84D.6C79541F@bellsouth.net>, Kenneth W. Evans
> <w4du@bellsouth.net> writes
>
> Hi Ken,
>

Date: Mon, 18 Jan 1999 20:46:38 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [30122] Re: Choke-type Baluns
Message-ID: <36A39DAE.2C5D@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

W6RCecila wrote:

>
> Bob Patten wrote:
> >
> > On Fri, 15 Jan 1999, W6RCecila wrote:
> > >
> > > According to Amidon, eight of the FB-77-5621
> > > cores slipped over RG-58 will result in approximately
> > > 2K ohms of choking impedance.

FB-77-6301 beads will fit RG-58c/u snugly. It may be a bit hard to push them on the cable depending on how neat the end was cut off, but once they're on the cable, the fit is loose enough so you can slide the beads around.

They were quite a bit cheaper than type FB-77-5621 (I bought a 100 of them from Bytemark).

I made a choke balun with 30 of these beads on a length of RG-58c/u, but I haven't had a chance to see what it does, yet.

Any reason why these would not work as good as the 5621's?

73, oh2zaz

--

Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sun, 17 Jan 1999 22:47:22 +0100

From: Anita och Lars Olsson <anita.lars.olsson@telia.com>
To: qrp-l@lehigh.edu
Subject: [30123] Re: WARC Bands
Message-ID: <36A25A6A.3B2B@telia.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

The answer from Jay, W6CJ is quite correct and I can add that the WARC bands are free from contest also in our Region 1.
Please, be careful with the traffic on 10 MHz band. Try to avoid to cause QRM to the commercial traffic there, because 10MHz (30 meter) is the only band on HF where we only have secondary status. If we QRM the commercial stations there, we can very well lose the band.
73 de Lars / SM3AVQ

Date: Mon, 18 Jan 1999 15:56:39 -0600
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [30124] OFF-TOPIC: QSL Design program
Message-ID: <000E6325.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part
Content-Transfer-Encoding: 7bit

Gang:

Sorry for the non-QRP item, but I know this has been covered here before:

Can anyone recommend a QSL design program which allows one to roll-your-own cards? I have a Win 3.1 machine and a color ink-jet printer.

If you know of anything good, please let me know. I'm in digest mode, so please reply direct.

Many thanks.

73 de Dave, NR3E
QRP-L #25

nr Dallas, TX

Date: Mon, 18 Jan 1999 17:26:13 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-l@lehigh.edu
Subject: [30125] crystal
Message-ID: <11592-36A3B505-633@mailtod-131.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

anyone built a vectronics xmtr...we have wrks great...problem no info i
can find on the crystal...would like to have another crystal for it ..if
u have specs on the crystal would appreciate it....yep have sent them 2
emails no reply.....tnx in advance 73 pat/k8len

Date: Mon, 18 Jan 1999 14:32:32 -0800
From: "Radman" <radman@best.com>
To: <we6w@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30126] Re: OHR-100(A) building Project.
Message-ID: <199901182229.0AA04878@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed wrote: Gang, I recently offered to build a OHR-100(A)
for a friend without the time to get it built and running
by FYB0. Here are my findings and status:

<snip>

Hi Ed,

Interesting post! Now that you have a good stable VFO you
might consider adding a 10-turn pot for main tuning. In
addition, you can buy the *larger diameter* OHR-500 main
tuning knob from Dick at OHR. I added these mods to my
100-A and highly recommend it. (I think there's a group
buy on QRP-L for 10-turn pots -- it's still open I
believe.)

Let's continue the toroid dialog when we have time....
very interesting material :-)

vry 72 - Conrad - NN6CW

Date: Mon, 18 Jan 1999 17:02:17 -0600 (CST)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [30127] Qro-dx
Message-ID: <3029-36A3BD79-650@mailtod-121.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

Found ZL9C on 15m, two calls and he is in the bag, 100 w to a vertical.
Not qrp but cool.
k1zw

End of QRP-L Digest 1340

